In the Claims:

1-13. (Canceled)

14. (Currently Amended): A method for performing a secure multicast broadcast at a router, the method comprising:

    sending a received request to join a multicast broadcast at a user system to an Internet Protocol (IP) multicast address;

    determining if the multicast address of the request to join is associated with a multicast broadcast IP address based on one of a table or map;

    receiving ~~an encrypted~~ a multicast transmission from a first computer system associated with the multicast address,

    if the request to join is associated with a multicast broadcast address, then

        removing the multicast broadcast IP address;

        ~~decrypting the sent multicast broadcast;~~

        attaching one of an associated or a local IP multicast address to the ~~decrypted~~ multicast broadcast; and

        sending the ~~decrypted~~ multicast broadcast to the user system requesting to join.

15. (Currently Amended): A router for sending a secure multicast broadcast, the router comprising:

    a computer device configured to:

        send a received request to join a multicast broadcast at a user system to an Internet Protocol (IP) multicast address;

        determine if the multicast address of the request to join is associated with a multicast broadcast IP address;

receive ~~an encrypted~~ a multicast transmission from a first computer system
associated with the multicast address,

if the request to join is associated with a multicast broadcast address, then

remove the multicast broadcast IP address;

~~decrypt the sent multicast broadcast;~~

attach one of an associated or a local IP multicast address to the
~~decrypted~~ multicast broadcast; and

send the ~~decrypted~~ multicast broadcast to the user system requesting to
join.

16. (New): The method of Claim 14, wherein the received multicast transmission is
encrypted, the method comprising:

decrypting the sent multicast broadcast before attaching one of the associated or the
local IP multicast address to the multicast broadcast.

17. (New): The router of Claim 14, wherein the received multicast transmission is encrypted,
the computer device decrypts the sent multicast broadcast before attaching one of the associated
or the local IP multicast address to the multicast broadcast.